

No

Aug. 22nd 1893
to

Ac 3546 - 3561
Jgd 3405 - 3436

U.S.S. Albatross.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

F.H.H.
5071

56° 01' = 170° 50'

No. *3405* Date *Aug 22, 1893.*

Sigsbee Machine. *2* Reel. *Navy*

Turns *868* Cor. + *56* Depth *924 fms*

Shot or lead *35 lbs.*

Bottom *gn. M. cr. S.*

Bottom temperature *36.0*

No. of thermometer *61587* Cor. —

Corrected temperature *36.0*

Air *48* Surface *47* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-55-30</i>	<i>18-15</i>	0		
<i>56-50</i>	<i>17-20</i>	100		
<i>58-05</i>	<i>16-30</i>	200		
<i>59-15</i>	<i>15-40</i>	300		
<i>4-00-20</i>	<i>14-50</i>	400		
<i>01-40</i>	<i>14-00</i>	500		
<i>03-25</i>	<i>13-10</i>	600		
<i>05-35</i>	<i>12-20</i>	700		
<i>07-35</i>	<i>11-20</i>	800		
<i>09.00</i>	<i>4-10-30</i>	<i>868</i>		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
4183	159	3600	
868	103	3700	
3315	56	3800	
	868	3900	
	924	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4183	159	
50		868	103	
100		3315	56	
200			868	
300			924	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

55° 43' = 1710071

No. 3406 Date Aug 22/93

Machine.

Reel. Mary #2

Turns 1531 Cor. + 96

Depth 1647 fms.

Shot or lead 60 lb

Bottom gn M. fine S.

Bottom temperature 35.2

No. of thermometer 61596

Cor. +0.2

Corrected temperature 35.4

Air 49 Surface 48

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
6.59.26	—	0		
58.28	31.22	100		
59.25	30.23	200		
7.0.26	29.23	300		
1.27.	28.24	400		
2.30	27.24	500		
3.43	26.25	600		
4.49	25.27	700		
6.1.	24.28	800		
7.14	23.31	900		
8.28	22.31	1000		
9.48	21.32	1100		
11.9	20.32	1200		
12.28	19.32	1300		
13.49	18.32	1400		
15.12	17.32	1500		
16.01	16.48	(1531)		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Made of white whale-feeding in
S. W. 1/8 W. (marg)

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4183	159	
50		1551	63	
100		2632	96	
200			1551	
300			1649	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 59' = 171° 49'

No. 3407 Hyd. Date Aug 22nd 1883.
 Sigsbee Machine. Reel. No. 1100.
 Turns 1758 Cor. + 1 09 Depth 1867 fms.
 Shot or lead 60 lb
 Bottom gn M
 Bottom temperature 35.0
 No. of thermometer 63919 Cor. + 0.1
 Corrected temperature 35.1
 Air 49 Surface 48 Drift
 Trawl or dredge Intermediate Net.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 25. 50	7 05.00	0	1. 29. 00	7 10.
26. 25	04.10	100	33 00	
27. 40	03. 70	200	34. 70	2:10 2
28. 50	02. 30	300		
29. 45	01. 30	400		
30. 45	00. 30	500		
31. 45	59. 30	600		
33. 00	58. 40	700		
34. 05	57. 45	800		
35. 15	57. 05	900		
36. 25	56. 15	1000		
37. 30	55. 15	1100		
38. 50	54. 10	1200		
40. 00	53. 05	1300		
41. 70	52. 00	1400		
42. 40	50. 50	1500		
44. 00	49. 45	1600		
45. 70	48. 30	1700		
46. 15	47. 45	1758		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pent surface over box 30"
 Towed Intermediate net at 170 fms.

P. 109, 76.0

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	4183
	3300	1758
	3400	2425
	3500	1758
	3600	1867
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4183	159	
50		1758	56	
100		2425	109	
200			1758	
300			1867	
400				
500	* Lower Net closed at			
600	100 fms. Few Sagitta			
700	and Crustacea			
800				
900				
1000				

REMARKS:

Synapse tow net
 Few small crustacea
 larval crabs,
 Copepod Net. Upper Net from
 100 fms to surface. Numerous
 Sagitta, young shrimps and
 Amphipod Crustacea. *

54° 17' = 172° 30'

No. 3408 Hyd Date Aug 23/98

Sigsbee Machine. Reel. Karyth

Turns 1870 Cor. + 172 Depth 1930 fms

Shot or lead 60 lb

Bottom gn m. + fine d.

Bottom temperature 35.0

No. of thermometer 63902 Cor. -

Corrected temperature 35.0

Air 48 Surface 47 Drift S x N 1/4 W.

Trawl or dredge 1 moq. 1.6

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.41.20	25.10	0		
42.30	24.10	100		
43.01	23.10	200		
44.34	22.15	300		
45.36	21.15	400		
46.41	20.30	500		
47.42	19.30	600		
48.47	18.30	700		
49.36	17.35	800		
51.09	16.30	900		
52.21	15.30	1000		
53.32	14.35	1100		
54.49	13.30	1200		
56.06	12.30	1300		
57.23	11.10	1400		
58.51	10.00	1500		
60.15	08.45	1600		
8.01.50	07.30	1700		
02.10	06.00	1800		
03.45	8.05 30	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

O Log 175.0

		2500	
		2600	
		2700	
		2800	
		2900	
4185	109	3000	
1870	21	3100	
<u>2363</u>	117	3200	
	870	3300	
	<u>832</u>	3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4185	1.00	
50		1870		
100				
200			1.00	
300				
400		4185	1.00	
500		1870		
600			1.00	
700			1.00	
800			1.00	
900				
1000				

✓ REMARKS:

CMT

25. 10. 1911

Reel.

Depth 10248

Bottom

No. of thermometer 63902

Cor. —

Air

Surface

Drift

SOUNDING WIRE.

DREDGE ROPE.

1000 4/10 - 1000 10/10 - 1000 10/10

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
1836	3500	
2347	3600	
112	3700	
1836	3800	
1748	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		415	1.5	
50		125	4.7	
100		237	1.2	
200			0.3	
300			1.4	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

$53^{\circ} 29' = 171^{\circ} 51'$

No. *2410* Date *Aug 12*
Cinch Machine. Reel. *Large*
 Turns *1345* Cor. + *84* Depth *1429*
 Shot or lead *60 lb*
 Bottom *gn. M. S.*
 Bottom temperature *35.2*
 No. of thermometer *63902* Cor. *—*
 Corrected temperature *35.2*
 Air *50* Surface *48* Drift
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>1.9.45</i>	<i>4.40</i>	0		
<i>10.48</i>	<i>39.41</i>	100		
<i>11.21</i>	<i>38.23</i>	200		
<i>12.15</i>	<i>37.05</i>	300		
<i>13.13</i>	<i>35.24</i>	400		
<i>14.24</i>	<i>33.25</i>	500		
<i>15.34</i>	<i>31.26</i>	600		
<i>16.40</i>	<i>29.28</i>	700		
<i>17.54</i>	<i>27.29</i>	800		
<i>19.07</i>	<i>25.27</i>	900		
<i>20.15</i>	<i>23.25</i>	1000		
<i>21.32</i>	<i>21.18</i>	1100		
<i>22.41</i>	<i>19.12</i>	1200		
<i>24.13</i>	<i>17.05</i>	1300		
<i>25.02</i>	<i>14.55</i>	<i>(1345)</i>		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Made 1000 ft. 8:30 P.M. 12-13-14
which was used in

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		1118	1.12	
50		1118	7.5	
100		1118	8.4	
200			14.2	
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

J. K. H. $53^{\circ}09' = 170^{\circ}31'$

No. 3411 Hyd. Date Aug. 23, 1893.
 Sigbee Machine. Reel. Heavy #2
 Turns 965 Cor. + 62 Depth 1027 fms.
 Shot or lead 60 lbs.
 Bottom bls s
 Bottom temperature 35.8
 No. of thermometer 63902 Cor. —
 Corrected temperature 35.8
 Air 50 Surface 48 Drift
 Trawl or dredge

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
10-13-35	37-35	0		
14-35	35-15	100		
15-40	34-35	200		
16-45	34-05	300		
17-53	33-15	400		
18-10	32-20	500		
19-30	31-20	600		
21-35	30-20	700		
23-10	29-20	800		
24-35	28-10	900		
25-35	18-27-05	965		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Hauled 3/10 mi N x W (2 mi) while recording.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4183 154
965 97
3218 62
965

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4183	154	
50		965	97	
100		3218	62	
200			965	
300			97	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

53° 38' = 170° 39'

507.

No. *412* Date *Aug 11/92*
Sigsbee Machine. Reel. *1171*
 Turns *1101* Cor. + *70* Depth *1171 fms.*
 Shot or lead *35 lb*
 Bottom *blk S & Clay*
 Bottom temperature
 No. of thermometer *None* Cor.
 Corrected temperature
 Air *48* Surface *47* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.45.30</i>		0		
<i>47.00</i>	<i>11.42</i>	100		
<i>48.19</i>	<i>10.42</i>	200		
<i>49.28</i>	<i>9.43</i>	300		
<i>50.52</i>	<i>8.44</i>	400		
<i>51.44</i>	<i>7.44</i>	500		
<i>53.01</i>	<i>6.45</i>	600		
<i>54.14</i>	<i>5.47</i>	700		
<i>55.44</i>	<i>4.48</i>	800		
<i>57.09</i>	<i>3.49</i>	900		
<i>58.50</i>	<i>2.50</i>	1000		
<i>9.0.18</i>	<i>1.25</i>	1100 (1101)		
<i>0.20</i>	<i>9.1.24</i>	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Made of 1 inch or less sounding

Log = 59.0

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
4183	159	3100	
1101	89	3200	
<u>3082</u>	<u>78</u>	3300	
	1101	3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4183	89	
50		1101	78	
100				
200			1101	
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

$$54^{\circ} 08' = 170^{\circ} 47'$$

No. *3415* Date *Aug. 24 1892*
Sigsbee Machine. *2* Reel. *Nav.*

Turns *190* Cor. + *63* Depth *1053 fms.*

Shot or lead *60.*

Bottom *fm 171 & fine c.*

Bottom temperature

No. of thermometer *7172* Cor.

Corrected temperature

Air *49* Surface *48* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-27-45</i>	<i>77.00</i>	0		
<i>31-45</i>	<i>76.55</i>	100		
<i>31-45</i>	<i>76.50</i>	200		
<i>33-1</i>	<i>76.45</i>	300		
<i>34-20</i>	<i>76.40</i>	400		
<i>36-20</i>	<i>76.35</i>	500		
<i>37-15</i>	<i>76.30</i>	600		
<i>38-45</i>	<i>76.25</i>	700		
<i>40-15</i>	<i>76.20</i>	800		
<i>41-45</i>	<i>76.15</i>	900		
<i>43-20</i>	<i>76.10</i>	1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. Log. No. - 90.5

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4186	1.7	
50		4186	1.7	
100		4186	6.0	
200			1.7	
300			1.7	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 13' - 165° 58'

No. _____ Date _____
Machine. _____ Reel. _____

Turns _____ Cor. + _____ Depth _____

Shot or lead 25 lbs

Bottom dk gy S

Bottom temperature _____

No. of thermometer 66724 Cor. + 0.1

Corrected temperature 44.6

Air 51 Surface 46 Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	12-55	0		
	9-02-10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54°10' = 165° 54'

No. 31-15-17 Date

Machine.

Reel

Turns 110

Cor. + 2

Depth 42

Shot or lead

25 lbs

Bottom

dk gy S

Bottom temperature

No. of thermometer

63902

Cor. -

Corrected temperature

45.0

Air

51

Surface

46

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 07' = 165° 51'

No. 3216 Date Aug 3, 1880

Tanner Machine. Reel.

Turns 36 Cor. + 2 Depth 38

Shot or lead 25 lbs

Bottom bk sh fm s

Bottom temperature 45.0

No. of thermometer 63902 Cor. -

Corrected temperature 45.0

Air 54 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10-45	147-05	0
12-15	146-10	100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

JKH

54° 12' - 165° 42'

Akutan Bay -

No. 3546 Date Dec 31, 1903

Tanner Machine. Reel.

Turns 34 Cor. + 2 Depth 36

Shot or lead 25 lbs.

Bottom G. S. M.

Bottom temperature 45.6

No. of thermometer 63902 Cor. -

Corrected temperature 45.6

Air 54 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11-24-16

25-50

0

11-44-15 11-01-06

25-06

11-25-05

100

48- 11-56-40

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

8 fathoms over at 11-26-11-42
5 cod

54° 16' = 165° 45'
 607 *IRB* 977 *Am. Trawl Barge*

No. *3547 D.* Date *Aug 21/93.*

Lucas Machine. Reel. *0*

Turns *49* Cor. + *2* Depth *51 fms*

Shot or lead *25 lb*

Bottom *fine bk. S.*

Bottom temperature *45*

No. of thermometer *6290* Cor. *-*

Corrected temperature *45.0*

Air *54* Surface *47* Drift *()*

Trawl or dredge *Lucas beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

17.34.56.
39.36

12.39.41

0
 100
(130)
 200

1. 1. 56
1. 35
8. 50

25.29
21.44
1. 20.30

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Reel over 3 lined Lucas at 12.39.
in at 12.54. Aug 21/93.

Lucas 13.24

Reel over 3 lined Lucas at 1.54.43 -
in at 1.20.03. Aug 21/93.

Eight y mts (D. 21.44.30)

507.

54° 18' = 165° 41'

off New Zealand

No. *317* Date *Aug 10*
Tanner Machine. Reel. *1*
 Turns *43* Cor. + *2* Depth *45*
 Shot or lead *25 lb*
 Bottom *G. brk sh.*
 Bottom temperature *45*
 No. of thermometer *63902* Cor. *—*
 Corrected temperature *45.9*
 Air *51* Surface *46* Drift
 Trawl or dredge.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>1.33.00</i>	<i>5.31</i>	0		
<i>35.07</i>	<i>1.35.01</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607.

Winnak Pass.

54° 26' - 165° 28'

No.

3417

Date

Aug 1902

Sigsbee Machine.

Reel.

Turns 81

Cor. + 3

Depth 84 fms

Shot or lead 35 lbs

Bottom

G. & cr. M. S.

Bottom temperature

41.5

No. of thermometer

63902

Cor.

-

Corrected temperature

41.5

Air

50

Surface

46

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3 48.00 35.40

49.05 3 49.09

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3 49.09

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Mr. Hargreaves
NOT.

$54^{\circ}14' = 165^{\circ}33'$

No. 3418 Date
Tanner Machine. Reel.
Turns 22 Cor. + 1 Depth 23 fms
Shot or lead 135 lb
Bottom Lgy. S.
Bottom temperature
No. of thermometer Cor.
Corrected temperature
Air 55 Surface 47 Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-52-00	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

pl. 49.0

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

7:007. ^{Hughes} 54° 13' 45" - 165° 33' 30"

No. 3420 ^{Hughes} Date Aug 31/91

~~Barometer~~ Machine. Steel.

Turns 212 Cor. + 1 Depth 23 fms -

Shot or lead Bassinett

Bottom fine gy. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 55 Surface 47 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 5-57-00	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

p. l. 49.5

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 13' 30" = 165° 34'

No. 3421, Date Aug 31, 1892

Tanner Machine. Reel.

Turns 27 Cor. + 1 Depth 28 fms.

Shot or lead 35 lb. T. & L.

Bottom fine gy. S.

Bottom temperature

No. of thermometer

Corrected temperature

Air 55 Surface 47 Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-03-00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

50.0

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 13' 15" = 16.5° 34' 30"

No. 3422 Hyd Date Aug 31, 1878

Tanner Machine. — Reel.

Turns 24 Cor. + 1 Depth 25 fms —

Shot or lead *Ben. Smith's lead*

Bottom *fm. gy. S. bk. sp.*

Bottom temperature } *none*

No. of thermometer } *taken* Cor. —

Corrected temperature

Air 55 Surface 47 Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-09-

—

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

p. 1. 50.5

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 13' = 165° 35'

No. 3423 Date Dec 31, 1893
Tanner Machine. — Reel.

Turns 25 Cor. + 1 Depth 26 fms —

Shot or lead 13 lb

Bottom fm. gy. S. Sh.

Bottom temperature } none

No. of thermometer } taken Cor. —

Corrected temperature —

Air 55 Surface 47 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-15-00	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

pl. 51.0

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 36' N 165° 27'

No. 342 Date

Tanner Machine. Reel.

Turns 109 Cor. + 4 Depth 113 fms

Shot or lead 25 lbs.

Bottom blk S. G.

Bottom temperature 39.0

No. of thermometer 6390 2 Cor.

Corrected temperature 39.0

Air 50 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
7-53-10	56-15	100		
	57-55	200		
	7-54-00	101		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 5548 Date Sept 17/98

Machine. Reel.

Turns 87 Cor. + 4

Depth 91

Shot or lead 25 lb

Bottom bk s.

Bottom temperature

39.5

No. of thermometer 6242

Cor. -

Corrected temperature

39.5

Air 52

Surface 47

Drift

Trawl or dredge

Large beam.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
9.3 25	5.45	0	9.6.00	3.20
14.31	9.40	100	9.40	29.30
		200	13.45	
		(210)	14.10	95.45
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put overboard low net at 9.47.
 in at 9.24. Dredge
 crustacea, 1 small fish.

numerous very small

Sept 17/98 95.4.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2 species *Phallo*; 1 *Podothecus* acis. 1 small
few small *Agonidae*. 1/2 in *Neoborn*. 1 *Cent*
Ophiurians. 100 *Chironomus* & *pericoma*. 1 *Hydr*
3 minute *Chiron*. 2 *ab*. Small *Chiron* *pericoma*
crab; 3 *am*. *Hydr* *Chiron*; *pericoma* *pericoma*
1 *g*. *Worm* *Chiron*.

SRB *Conte*

No. *3578* Date *Nov 11/91*

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *52* Surface *48* Drift

Trawl or dredge *Lucas intermediate*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		(<i>50</i>) <i>100</i>	<i>9.50.00</i>	<i>5.45.50</i>
		200	<i>40.00</i>	<i>9.53.05</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Thermometer (Star line) 10.9.54.00
Thermometer (mug)

St. John's - 1.5 miles W of St. John's

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

*Fixed at depth
of 30 fms.*

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Upper Bag: -

REMARKS:

*Chamber closed at 50 fms. by small
cuvette.*

NO. 1

No. 3549 Date

Machine. Reel.

Turns 75 Cor. + 3 Depth 78

Shot or lead 25 lb

Bottom fine bl. S.

Bottom temperature 40.1

No. of thermometer 6902 Cor. —

Corrected temperature 40.1

Air 53 Surface 49 Drift

Trawl or dredge L.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1. 54.12	5.15	0	11.57.15	21.30
35.44	11.55.47	100	12.0.35	18.15
		200	03.00	17.14.30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1. Small octopus,
 2. Small fish.
 3. Star fish,
 4. New species, prawns
 5. Neimonic.

No.

5475

Date

Jan 1st 1883

Machine.

Reel.

Turns

78

Cor. +

3

Depth

81

Shot or lead

25 lb.

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

39.9

Air

52

Surface

47

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

17.45

19.10

17.45

18.00

78

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

U. S. S. 38.9

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

55° 24' 167° 02'

No. 250

Date

Sinner

Machine.

Reel.

Turns 73

Cor. + 3

Depth

76 fms

Shot or lead

25-lb.

Bottom

fine M

Bottom temperature

39.0

No. of thermometer

63902

Cor. -

Corrected temperature

39.0

Air

51

Surface

48

Drift

1 1/2 W 1/2 N

Trawl or dredge

beam

(mag)

SOUNDING WIRE.

DREDGE ROPE.

TURNS.

DOWN.

UP.

DOWN.

UP.

26-50

26-50

0

27-25

27-30

100

180

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
545	3800	12
73	3900	9
272	4000	2

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1/2 hr. sun starfish
2 to 3 shells, several sp.
few small fishes and worms.

55° 38' 167° 28'

No. 3537 Date Sept 1st 1892

Machine. Reel.

Turns 71 Cor. + 3 Depth 74

Shot or lead 25 lb

Bottom gn. M.

Bottom temperature 39.1

No. of thermometer 63902 Cor. -

Corrected temperature 39.1

Air 49 Surface 47 Drift

Trawl or dredge large beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

56 49	57.51	0	6.58.50	7.25.14
	6.58.52	100	7.02.42	7.21.15
		(180)	7.05.25	7.18.16
		200		

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Bottom on surface metal 72.42
in at 7.15.44 Caught 1/2 lb. of small fish.

Depth 74. 5.21.14 (Time 2) 1.2 minute

Log = 72.8

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 ft. sun yellow stars full of mud
2 gals shells. 1 dig up.
Few hermit crabs and worms.
1 Ly. coral
3 Anemones

No. *3426* Date *Sept 11 1882*
 Machine. Reel.
 Turns *95* Cor. + *3* Depth *78 fms*
 Shot or lead *25 lbs*
 Bottom *fine, blk s.*
 Bottom temperature *38.8*
 No. of thermometer *63702* Cor. *-*
 Corrected temperature *38.8*
 Air *49* Surface *47* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7 05</i>	<i>30.10</i>	0		
<i>2 45</i>	<i>9.28.50</i>	<i>75</i>		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

567. 12.8

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

168
 No. 342 Hyd. Date Sept 1 1881
 Machine. Reel.
 Turns 6 Cor. + 3 Depth 9
 Shot or lead 25
 Bottom f. s.
 Bottom temperature 29
 No. of thermometer 63707 Cor. -
 Corrected temperature 39.0
 Air 49 Surface 46 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
17.30	31.15	0		
30.70	30.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3121 Date Sept 2, 1893

Machine. Reel.

Turns 73 Cor. + Depth

Shot or lead 25 lbs.

Bottom

Bottom temperature 39.8

No. of thermometer 63702 Cor. -

Corrected temperature 39.0

Air 48 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1-56-10

39-5

0

37-00

1-37-00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

545 12
93

452

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

007.

56° 22' 16" N 59° 1'

No. *5429* Date *Sept 2/93*

Tanner Machine. Reel.

Turns *74* Cor. + *3* Depth *77*

Shot or lead *25 lb*

Bottom *co. S. G.*

Bottom temperature *40.*

No. of thermometer *63901* Cor. -

Corrected temperature *40.0*

Air *49* Surface *47* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>57.2.40</i>	<i>3.52</i>	<i>0</i>		
<i>57.3</i>	<i>57.3.15</i>	<i>(94)</i>		
		<i>400</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2 6 57.3.15

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56° 21' 16" 28'

No. 3552

Date

Sept 29

Machine.

Reel.

Turns 32 Cor. + 2

Depth 54 fms

~~Shot or lead~~ 35 lb.

Bottom

Bottom temperature

39.8

No. of thermometer

6400

Cor.

Corrected temperature

39.1

Air

50

Surface

47

Drift

Trawl or dredge

Large beam

SOUNDING WIRE.

DREDGE ROPE.

Time DOWN.	Time UP.	TURNS.	Time DOWN.	Time UP.
6.35.01	35.01	0	6.37.01	37.01
35.29	6.35.42	100 (130)	41.08	37.32
		200	42.12	37.42
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Depth 54 fms

65.8

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Small haul from rocky bottom.
Fragments of *Bioluminescence*.
Soft shells, worms, shrimp, crab, *Callinectes*.
Ascidian, starfish, 1 large *Amurella*.

No. 3553 Date Sept 28
 Machine. Reel.
 Turns 49 Cor. + 1 Depth 50
 Shot or lead 25 lb
 Bottom fine gy Ss M.
 Bottom temperature 39.5
 No. of thermometer 63907 Cor. -
 Corrected temperature 39.5
 Air 47 Surface 48 Drift .8
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.57.35	7.59.00	0	15.30
7.58.58	7.59.00	100	17.15
		120	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

No. *34272* Date *Oct 7 93*
Sigsbee Machine. Reel.
 Turns *5* Cor. + *5* Depth *61 fms*
 Shot or lead *35 lb*
 Bottom *gy. m. sp.*
 Bottom temperature *29.5*
 No. of thermometer *62907* Cor. *-*
 Corrected temperature *39.3*
 Air *49* Surface *47* Drift
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Oct 7 1893

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date _____

	Machine.	Reel.
2411		
2412		
2413		
2414		
2415		
2416		
2417		
2418		
2419		
2420		
2421		
2422		
2423		
2424		
2425		
2426		
2427		
2428		
2429		
2430		
2431		
2432		
2433		
2434		
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2436		
2437		
2438		
2439		
2440		
2441		
2442		
2443		
2444		
2445		
2446		
2447		
2448		
2449		
2450		
2451		
2452		
2453		
2454		
2455		
2456		
2457		
2458		
2459		
2460		
2461		
2462		
2463		
2464		
2465		
2466		
2467		
2468		
2469		
2470		
2471		
2472		
2473		
2474		
2475		
2476		
2477		
2478		
2479		
2480		
2481		
2482		
2483		
2484		
2485		
2486		
2487		
2488		
2489		
2490		
2491		
2492		
2493		
2494		
2495		
2496		
2497		
2498		
2499		
2500		

Turns 60 Cor. + 2 Depth 62

~~Shot or lead~~ 25 lb.

Bottom - gm. 17H

Bottom temperature 39.5

No. of thermometer 6677 Cor. —

Corrected temperature 34.5

Air 48 Surface 48 Drift 7

Trawl or dredge *None*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.52.50	10.55.10	0	10.55.00	
54.40	10.54.30	100	11.02.00	
		200	11.09.00	
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1620 1.13.0 1.13.0

25 5

J. K. F. F. 4'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

On surface water, one bottle
 and one for 200 fms. on
 surface. 100 fms. water
 2 ft. depth. 100 fms. 100 fms.
 100 fms. 100 fms.
 100 fms. 100 fms.
 100 fms. 100 fms.

56° 45' 170° 18'

No. *5305* Date *Aug 2 1893*

Tanner Machine. Reel.

Turns *55* Cor. + *2*

Depth *57*

Shot or lead *25 lbs.*

Bottom *dk gn M.*

Bottom temperature *40.2*

No. of thermometer *63902* Cor. *—*

Corrected temperature *40.2*

Air *47*

Surface *46*

Drift *1 mi. N. 1/2 E.*
(*2000*)

Trawl or dredge *—*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>12-11-25</i>	<i>12-32</i>	0	<i>12-11-25</i>	<i>12-32</i>
<i>41-50</i>	<i>12-41-53</i>	100	<i>47-50</i>	<i>1-10-21</i>
		120	<i>41-40</i>	<i>12-5-30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

No. 3430 Date Sept 18 1892
 Tanner Machine. Reel.
 Turns 45 Cor. + 2 Depth 47
~~Shot or lead~~ 25 lbs.
 Bottom gy. m. s.
 Bottom temperature 40.6
 No. of thermometer 62902 Cor. —
 Corrected temperature 40.6
 Air 49 Surface 46 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-36-30	37-40	0		
36-50	2-31-00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
545	12	3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

few sponges, shrimp
in Bu' large shells & Ophiurians
few small Ascidians
few small fishes & Holothurians
Holothurians

57-04-170-24

No.

5537 Dr.

Date

Reel.

Machine.

Turns

75

Cor. +

1

Depth

55

Shot or lead

25 lb

Bottom

Soft Sh. & S. S.

Bottom temperature

45.

No. of thermometer

Cor.

—

Corrected temperature

45.0

Air

48

Surface

45.

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.49.55

50.31

4.51.35

50.3

5.11

4.50.13

5.11

5.11

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	1
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	1
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 *Lepidogaster* 17. 100 m
 few *Planorbis* (1000 ft)
 1/2 pk *Urosalpinx*
 Several species *Hydrobia*
 few small *Planorbis*, *Glycymeris*, etc.
 etc. etc.

S. 170° 47' 15" ✓
 No. 3508 Date 3/27/03
 Tanner Machine. Reel.

Turns 24 Cor. + 1 Depth 25 fms.

Shot or lead 75 lb.

Bottom, ~~fine sand~~ *fine sand*

Bottom temperature

No. of thermometer 63907 Cor. -

Corrected temperature 42.9

Air *14* Surface *15* Drift 1.58 S 16

Trawl or dredge *Beam Trawl*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

15

5.00

0

30

4.15

4.15

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

W. 107-53, 8

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
545	17	3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45.2	63	—	45.2
50	45.2	63	—	45.2
100	45.2	63	—	45.2
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1. The water was very calm and the surface was very smooth.
 2. The water was very clear and the bottom was very soft.
 3. The water was very warm and the bottom was very hard.
 4. The water was very cold and the bottom was very soft.
 5. The water was very warm and the bottom was very hard.
 6. The water was very cold and the bottom was very soft.
 7. The water was very warm and the bottom was very hard.
 8. The water was very cold and the bottom was very soft.
 9. The water was very warm and the bottom was very hard.
 10. The water was very cold and the bottom was very soft.

56° 37' N, 16° 52' W

No. 3559 Dr. Date Sept. 2, 1898.

Machine. Reel.

Turns 37 Cor. + 2 Depth 39

Shot or lead 35

Bottom gy. s. m. (mud bag) (sand bottom)

Bottom temperature 42.5

No. of thermometer 63902 Cor. -

Corrected temperature 42.5

Air 47 Surface 46 Drift $\frac{5}{10}$ mi E (mag)

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9-17-10 18-00 0

17-25 1-17-30 100

12-6 200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

8 fathoms over at 9.18; in at 9.29

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
1200	3600	12
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5-25	40.5	63719	-	40.0
10-50	45.0	66720	-	45.0
20-100	41.2	62388	-0.1	41.1
30-200	41.2	62402	-	41.0
300				
400				
500				
600				
700				
800				
900				
1000	#16724	at 10 fms. below 1000		

REMARKS:

1. *Staphylococcus*, 1 *Hydrophilus*
several sp. *Ureidobacter* from *Staphylococcus*
2. *Cypris*, 1 *Actinopterygion*, from
very *Cypris*, *Ureidobacter* & *Staphylococcus*
1 ph. *Spongia*.

No.

3431 Hyd Date

Machine.

Reel.

Turns 41 Cor. + 2

Depth 43

Shot or lead 25 lbs

Bottom gm M

Bottom temperature 39.0

No. of thermometer 63402

Cor. —

Corrected temperature 39.0

Air 47 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11-48-50

49-40

0

48-50

1-40

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

11-49, in at 12:02
 12-49, in at 12:02
 13-49, in at 12:02
 14-49, in at 12:02
 15-49, in at 12:02
 16-49, in at 12:02
 17-49, in at 12:02
 18-49, in at 12:02
 19-49, in at 12:02
 20-49, in at 12:02
 21-49, in at 12:02
 22-49, in at 12:02
 23-49, in at 12:02
 24-49, in at 12:02
 25-49, in at 12:02
 26-49, in at 12:02
 27-49, in at 12:02
 28-49, in at 12:02
 29-49, in at 12:02
 30-49, in at 12:02
 31-49, in at 12:02
 32-49, in at 12:02
 33-49, in at 12:02
 34-49, in at 12:02
 35-49, in at 12:02
 36-49, in at 12:02
 37-49, in at 12:02
 38-49, in at 12:02
 39-49, in at 12:02
 40-49, in at 12:02
 41-49, in at 12:02
 42-49, in at 12:02
 43-49, in at 12:02
 44-49, in at 12:02
 45-49, in at 12:02
 46-49, in at 12:02
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 68-49, in at 12:02
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 71-49, in at 12:02
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 75-49, in at 12:02
 76-49, in at 12:02
 77-49, in at 12:02
 78-49, in at 12:02
 79-49, in at 12:02
 80-49, in at 12:02
 81-49, in at 12:02
 82-49, in at 12:02
 83-49, in at 12:02
 84-49, in at 12:02
 85-49, in at 12:02
 86-49, in at 12:02
 87-49, in at 12:02
 88-49, in at 12:02
 89-49, in at 12:02
 90-49, in at 12:02
 91-49, in at 12:02
 92-49, in at 12:02
 93-49, in at 12:02
 94-49, in at 12:02
 95-49, in at 12:02
 96-49, in at 12:02
 97-49, in at 12:02
 98-49, in at 12:02
 99-49, in at 12:02
 100-49, in at 12:02

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5-25	46.0	63414	0.0	46.0
10-50	45.5	62317	-0.2	45.3
20-100	42.5	66721	+0.1	42.6
30-200	37.0	63902	—	37.0
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

5072 *56° 40' N. 109° 50' W. ✓*

No. *3560 27* Date *Sept 2/99*

Lucas Machine. Reel.

Turns *41* Cor. + *2* Depth *43*

Shot or lead *35 lb*

Bottom *fine gy. s. b. m. dp*

Bottom temperature *40.7*

No. of thermometer *63902* Cor. *—*

Corrected temperature *40.7*

Air *47* Surface *45* Drift

Trawl or dredge *large beam*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>1.10.30</i>	<i>11.28</i>	0	<i>1.12.40</i>	<i>11.54</i>
<i>1.10.37</i>	<i>1.10.51</i>	100	<i>1.10.16</i>	<i>11.46</i>
		200	<i>1.17.21</i>	<i>1.27.51</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
	<i>92.3</i>	2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 *Merulopoda* lat. first examination for her.
1 pt which not yet determined. Related to
Hydrus 1 doz social *acidic*. attached
to *Merulopoda* doz corals 1/2 doz open.
Peripatus *ophtus* *hydra* *hydra*

No. 3561 Date Sept 21/11

Tanner Machine. Reel.

Turns 46 Cor. + 2 Depth 48

Shot or lead 35 lb

Bottom fine g. s. & sh.

Bottom temperature 40.7

No. of thermometer 63902 Cor. -

Corrected temperature 40.7

Air 48 Surface 45 Drift

Trawl or dredge L.B.D.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2 51.20

3 52.27

0

2 54.58

14 32

51.58

2 51.59

100

56.51

11.01

(145)

58.50

3.9.20

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

P.L. = 3.7

Drift 8 miles E. S. (Tanner)

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

545

12

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. $54^{\circ} 01' 30'' = 166^{\circ} 23' 00''$

No. *1* Date *Aug 18 1881*

Tanner Machine. Reel.

Turns *40* Cor. + *2* Depth *42*

Shot or lead *25 lbs.*

Bottom *gy. + brk.*

Bottom temperature *44.7*

No. of thermometer *63902* Cor. *—*

Corrected temperature *44.7*

Air *57* Surface *47* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>7-22-81</i>	<i>233</i>	0		
<i>23 10</i>	<i>7-23-15</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 05' 00" = 166° 18'

No. *5438* Date *Sept 1 1882*

Machine. Reel.

Turns *47* Cor. + *2* Depth *47*Shot or lead *35 lbs.*Bottom *Rock*Bottom temperature *43.2*No. of thermometer *63902* Cor. *-*Corrected temperature *43.2*Air *52* Surface *47* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>7-53-40</i>	<i>54-35</i>	0		
<i>54-50</i>	<i>7-54-05</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24.0

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 09' = 166° 15'

No. 3434 Date Sept 8
Machine. Reel.

Turns 52 Cor. + 2 Depth 54

Shot or lead 25 lb

Bottom brk Shs G.

Bottom temperature 42 1/2

No. of thermometer 53955 Cor. —

Corrected temperature 42.5

Air 52 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

2.58 29.58
38.59 29.42

0
(32)
100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

S.P.S. $54^{\circ}12'00'' = 166^{\circ}09'$

No. *3435* Date *Sept 99*

Sigsbee Machine. Reel.

Turns *53* Cor. + *1* Depth *57*

Shot or lead *25 lb*

Bottom *dk G.*

Bottom temperature *42.1*

No. of thermometer *63902* Cor. *—*

Corrected temperature *42.1*

Air *51* Surface *45* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.14.01 *13.56*

14.52 *9.15.03*

0
(53)

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

P. Log - 357

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
545	12	3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *WS* $54^{\circ}16'40'' = 165^{\circ}50'$

No. *3436* Date *Sept 8 1893*

Tanner Machine. Reel.

Turns *47* Cor. + *2* Depth *49*

Shot or lead *15 lb*

Bottom *dk gy S*

Bottom temperature *44*

No. of thermometer *63902* Cor. *None*

Corrected temperature *44.0*

Air *57* Surface *45* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>Am</i> <i>10.45.45</i>	<i>Am</i>	<i>(47)</i>		
<i>46.9</i>	<i>10.46.10</i>	<i>100</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Long 117.8

56.54.46.